



SMUD is proud to present the following professional classes

July–December 2017

Friday, August 4, 2017
10:00 a.m. – Noon

Tiny Houses: From Permits to Code Requirements, What Builders Need to Know

This class will explore tiny house design, construction and legal use, as well as recent legislation that removes some of the impediments to building a small secondary unit on a property. It will also cover California Building Code requirements for tiny homes. **Fees apply.**

Friday, August 4, 2017
1 p.m. – 4 p.m.

Zero Net Energy: Getting There Through Code

As California moves towards ZNE by 2020 for residential structures, and 2030 for non-residential buildings, we will discuss the process and hurdles to making ZNE the standard for the state. **Fees apply.**

Wednesday, August 9, 2017
9 a.m. – 10:30 a.m.

Circadian Lighting Pilot Project

Hear about the results of a circadian lighting project at Eskaton Monroe Lodge (Independent Living). Learn about the health and productivity benefits of this technology and how it can be integrated into commercial as well as residential applications. **This presentation will be streamed live for those who cannot attend in person.**

Powering forward. Together.

 **SMUD®**
Energy Education &
Technology Center

Thursday, August 10, 2017
8:30 a.m. – Noon

Changes in the 2016 Title 24 Energy Code with Martyn Dodd, EnergySoft, LLC

We will discuss residential and non-residential building envelope, lighting and mechanical requirements affecting residential, commercial and high-rise residential new construction under California's 2016 Title-24 Energy Efficiency Standards which took effect January 1, 2017.

Thursday, August 24, 2017
8:30 a.m. – 12:30 p.m.

EnergyPro Introduction - Residential with Martyn Dodd, EnergySoft, LLC

Covers the basics of EnergyPro software when used to document compliance with the 2016 Title 24 Standards for residential buildings. The class will introduce participants to the basic input and modeling requirements to document low-rise residential building envelope, lighting and mechanical systems. **Attendees wishing to bring a laptop should install a version of EnergyPro in advance at energysoft.com; computers will not be provided.**

Thursday, August 24, 2017
1 p.m. – 5 p.m.

EnergyPro Advanced - Residential

Covers the requirements under the 2016 Title 24 Standards and how to enter required information. You will explore advanced modeling techniques for compliance with the low-rise residential building envelope, lighting and mechanical systems. **Attendees wishing to bring a laptop should install a version of EnergyPro in advance at energysoft.com; computers will not be provided.**

Indoor Lighting Controls

This series, taught by Jim Benya of Benya Burnett Consultancy, will provide a comprehensive overview and practical application education about lighting controls for commercial, educational, civic and industrial buildings.

Thursday, September 21, 2017
9 a.m. – 12:30 p.m.

Lighting Control Principles, Control Devices and Device Based Systems

Thursday, September 28, 2017
9 a.m. – 12:30 p.m.

Networked Lighting Controls PART I and II

Wednesday, October 4, 2017
9 a.m. – 12:30 p.m.

Networked Lighting Controls PART III and Case Studies

Wednesday, November 29, 2017
8:30 a.m. – 12:30 p.m.

EnergyPro Introduction Nonresidential with Martyn Dodd, EnergySoft, LLC

Introduction to the basic input and modeling requirements to document commercial building envelope, lighting and mechanical systems with the 2016 Title 24 Standards. **Attendees wishing to bring a laptop should install a version of EnergyPro in advance at energysoft.com; computers will not be provided.**

Wednesday, November 29, 2017
1 p.m. – 5 p.m.

EnergyPro Advanced - Nonresidential with Martyn Dodd, EnergySoft, LLC

Explore advanced building envelope, lighting and mechanical design options and learn about the 2016 Title 24 requirements designed for those experienced with EnergySoft. Learn how to model and document compliance for commercial building designs. **Attendees wishing to bring a laptop should install a version of EnergyPro in advance; computers will not be provided.**

CEUs available for most classes
(please visit smud.org/Workshops
for more information)

